



# POLY<sup>2</sup>NUC

## Joint MSc Program in Nuclear Engineering

### Politecnico di Milano - Politecnico di Torino

Politecnico di Milano (PoliMi) and Politecnico di Torino (PoliTo) are the premier technical universities in Italy and have 50-years-long tradition and well-recognised quality in nuclear engineering education and research.

The **Joint Master of Science Program in Nuclear Engineering (POLY<sup>2</sup>NUC)** is a *NEW* initiative, launched in the academic year 2015-2016, and a unique opportunity:

- To take advantage of the complementary know-how present in the two Universities.
- To get access to state-of-the-art **laboratories**, including the research reactor TRIGA @ LENA-Pavia and several other experimental and computational labs and facilities (nuclear electronics, nuclear instrumentations and measurements, radiation protection, radiochemistry, thermal-hydraulics).
- To become part of a lively and stimulating international academic community, and to enjoy the Italian cultural environment.

### The program in a nutshell

- Two-year MSc program focused on the various aspects of nuclear engineering (fission reactor physics and engineering, fusion reactor physics and engineering, laboratory of nuclear reactor kinetics, radiation protection and radiochemistry, biomedical and industrial applications of radiation, safety of nuclear installations, etc.)
- The students will take courses in both Universities (one year @ PoliMi, one year @ PoliTo), and will earn a Master's Degree in either:
  - Nuclear Engineering at PoliMi, or  
[http://www.energia.polimi.it/didattica/file/Joint\\_MSc\\_Program\\_in\\_Nuclear\\_Engineering.pdf](http://www.energia.polimi.it/didattica/file/Joint_MSc_Program_in_Nuclear_Engineering.pdf)
  - Energy and Nuclear Engineering at PoliTo:  
[https://didattica.polito.it/bacheca/area\\_ing2/energetica\\_e\\_nucleare.html](https://didattica.polito.it/bacheca/area_ing2/energetica_e_nucleare.html)  
[https://didattica.polito.it/pls/portal30/gap.a\\_mds.espandi2?p\\_a\\_acc=2016&p\\_sdu=32&p\\_cds=36&p\\_lang=EN](https://didattica.polito.it/pls/portal30/gap.a_mds.espandi2?p_a_acc=2016&p_sdu=32&p_cds=36&p_lang=EN)depending on where they choose to enrol and attend their first year.
- The call is launched every year for both Italian and International students, with different deadlines.

## How to apply and deadlines

To apply to the POLY<sup>2</sup>NUC program you need to enroll in the university first. Hereinafter, you can find the main reference to the university websites. Please, be careful about the deadlines, especially for International students.

### Italian students

Students coming from any Italian university can apply to the POLY<sup>2</sup>NUC program by:

1. Enrolling in the corresponding master's program:

- Nuclear Engineering at PoliMi

<http://www.poliorientami.polimi.it/ammissione-magistrali/>

- Energy and Nuclear Engineering at PoliTo

[https://didattica.polito.it/lauree\\_magistrali/](https://didattica.polito.it/lauree_magistrali/)

2. Participating in the call for the POLY<sup>2</sup>NUC program that is launched after the opening of the general Politecnico enrollment.

The chosen Politecnico will be the place where the first year courses are taken and the institution granting the final degree. Enrollment is possible only starting at the beginning of the academic year (i.e. it is not possible to enroll in the spring semester).

### International students

Students with a degree from universities outside Italy can apply to the POLY<sup>2</sup>NUC program by:

1. Enrolling in the corresponding master's program:

- Nuclear Engineering at PoliMi

<http://www.polinternational.polimi.it/how-to-apply/laurea-magistrale/>

<http://www.polinternational.polimi.it/how-to-apply/laurea-magistrale/how-to-apply/>

- Energy and Nuclear Engineering at PoliTo

[http://apply.polito.it/info\\_en.html](http://apply.polito.it/info_en.html)

[http://international.polito.it/admission/prospective\\_undergraduates\\_and\\_graduates/admission\\_to\\_master\\_of\\_science\\_programs](http://international.polito.it/admission/prospective_undergraduates_and_graduates/admission_to_master_of_science_programs)

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NOTICE: since the enrollment rules depend on the single institution, it is advisable to apply to both Universities, if you want to maximize the chances of being selected.

## **Logistics**

The POLY<sup>2</sup>NUC program requires spending one year at PoliMi and one year at PoliTo. In both locations, Milano and Torino, it is possible to apply for accommodation in a student dormitory:

In Milano:

<http://www.residenze.polimi.it/index.php?id=31&L=1>

In Torino:

<http://international.polito.it/>

[http://international.polito.it/financial\\_aid/edisu\\_piemonte\\_scholarships](http://international.polito.it/financial_aid/edisu_piemonte_scholarships)

## **Contacts**

Please write an e-mail to the contacts below in case you need additional information.

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